

19970805.ba v01\_n602.bam.970805 v01\_n603.bam.970805

>From ???@??? Tue Aug 05 01:52:29 1997  
Message-Id: <199708050502.AAA03745@sco.theporch.com>  
Date: Tue, 5 Aug 1997 00:02:47 CDT  
Subject: BOATANCHORS digest 1602

BOATANCHORS Digest 1602

Topics covered in this issue include:

- 1) Rust Never Sleeps  
by "Robert Nickels" <ranickel@mwci.net>
- 2) ::: OLD RADIO PARTS CATALOG FOR SALE [ MINT! ] :::  
by jworth@scn.org
- 3) FS: Hallicrafters HT-37 - \$80  
by "David M. Nance" <dmnance@roanoke.infi.net>
- 4) Kudos to John Dilks K2TQN  
by "Robert Nickels" <ranickel@mwci.net>
- 5) Re: The 527 triode  
by William Donzelli <william@ans.net>
- 6) Re: Rust Never Sleeps  
by "Greg Parsons A.K.A. Rat" <gregp@mis.net>
- 7) Athens Hamfest report  
by Ben Bradley <bradley@norcross.mcs.slb.com>
- 8) Home Page  
by Surplus Al <surplsal@tl.infi.net>
- 9) Clegg Zeus Value?  
by K1HC@aol.com
- 10) HP 415B What is it?  
by Eugene Rippen <soundval@foothill.net>
- 11) Heathkit Pawnee  
by bdhall@ghg.net (Benjamin D. Hall)
- 12) RE: Radioactive 813  
by "ROBERT W DOWNS, WA5CAB" <RWDowns\_WA5CAB@compuserve.com>
- 13) F/S Clegg 22er  
by MNHopkins@aol.com
- 14) Re: HP 415B What is it?  
by Dave Creek <dcreek@pixi.com>

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Date: Mon, 4 Aug 1997 20:18:00 +0000  
From: "Robert Nickels" <ranickel@mwci.net>  
To: boatanchors@theporch.com  
Subject: Rust Never Sleeps  
Message-ID: <199708050118.UAA09329@subcellar.mwci.net>

Hi All,

I managed to stumble onto one of those "famous chrome chassis audio amplifiers" that are in such demand by the Golden Ear crowd. (Of course I'd just use it for boosting the audio from my BA radios!)

Problem is - both steel and chrome-plated areas have lots of RUST. I've had some success in polishing out surface rust in the past, but this is more widespread and pronounced. I'd sure appreciate any suggestions about "what works" to remove rust with minimal damage to the chrome plating. I have steel wool, Naval Jelly, Brasso, and all sorts of crud from the "miracle in a can" section of the auto supply store, but I'll wait to hear from the restoration experts on the list before I do something make things worse! I suspect that this is a common problem but can't recall seeing any previous postings on the topic...

Thanks in advance and 73,

Bob W9RAN

-----  
Date: Mon, 4 Aug 1997 20:22:17 +0000  
From: jworth@scn.org  
To: boatanchors@theporch.com  
Subject: ::: OLD RADIO PARTS CATALOG FOR SALE [ MINT! ] :::  
Message-ID: <199708050125.SAA10498@scn.org>

BA fans,

If you collect old radio catalogs, then you might want to take a look at this. This one is in the finest condition I have seen in a long time. Lots of ham and broadcast stuff from 1938. Take a look at what most people back then [ Depression Era ] could not even begin to afford!

73s,

Jacob Worthington  
AA4FM  
Conway, Arkansas, USA

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RADIOLAB  
1515 Grand Avenue  
Kansas City, Missouri

- \* 1938 General Catalog No. 78
- \* Absolutely mint condition in protective plastic sleeve. This one is definitely collector quality!
- \* 8.5" X 11" 130 pgs
- \* Beautiful red, black, white, and yellow hand-lettered cover. Dozens of company logos shown on the back cover
- \* Includes original order form and reply envelope. These, also, are in mint condition.
- \* Pages have NOT yellowed. Apparently these catalogs used high-quality printing paper.
- \* PRICE: \$20 postpaid

Please e-mail if you would like additional details

-----  
 Date: Mon, 04 Aug 1997 20:51:49 -0700  
 From: "David M. Nance" <dmnance@roanoke.infi.net>  
 To: Old Tube Radios <boatanchors@theporch.com>  
 Subject: FS: Hallicrafters HT-37 - \$80  
 Message-ID: <33E6A355.2722@roanoke.infi.net>

Have a Hallicrafters HT-37 transmitter that is in the way. Unit is complete but untested. Appears to have been stored in a basement for some time since the cabinet has some surface rust on it. Front panel looks fair except someone must have had a small label applied next to the VFO dial cause about a small area of paint has been removed. Also the screws on the front panel have surface rust. All knobs are original.

This thing weighs over 80 pounds so I'd prefer not to ship it; however, it's your nickel. Can deliver to Roanoke, VA hamfest on August 16th or maybe take to Shelby in September.

73,  
 David Nance - WB4SSE  
 dmnance@roanoke.infi.net

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Date: Mon, 4 Aug 1997 20:51:30 +0000  
From: "Robert Nickels" <ranickel@mwci.net>  
To: boatanchors@theporch.com  
Subject: Kudos to John Dilks K2TQN  
Message-ID: <199708050152.UAA11743@subcellar.mwci.net>

Hi All,

I recently bought a couple of items from list member John Dilks K2TQN. I'd like to publicly thank John for a SUPERB job of packing - his efforts exemplify my friend Gary Harmon's motto "Pack Unto Others As You'd Have Them Pack Unto You"! John even shipped the items via Fed X at no extra cost due to the rumor of a strike by UPS. We've all heard the horror stories, but I think John's careful packing job (using methods and materials that have often been described here on the list) could withstand even the worst mistreatment. Thanks John!

73, Bob W9RAN

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Date: Mon, 4 Aug 1997 22:06:13 -0400 (EDT)  
From: William Donzelli <william@ans.net>  
To: boatanchors@theporch.com  
Subject: Re: The 527 triode  
Message-ID: <199708050206.AA21047@interlock.ans.net>

> I've never seen an 8014, do know a 'micropup' when I see one so I'll  
> keep my eyes peeled.

According to Mr. Sibley, they are similar to 6C24s - not much help for me, as I have never seen one of those either.

Actually, my statement proclaiming 8014s as looking like micropups (8011, WE 710A, Br. VT-90, etc. - more numbers than you can shake a stick at, considering they are all nearly the same tube) is a bit of a guess. The mounts in my CRV-52ABD (SA transmitter) look like they should take a micropup style tube just fine. I, unfortunately, do not have a manual to confirm my guess.

> Say WE was "in the hunt" for VHF triodes. There's two enormous  
> "D-nnnnnn" house-numbered examples and one prod'n thing (703?) in the  
> AWA journal on the WW-II "Secret 700 tubes."

Even though the 703 is actually a transmitting triode, I would not be suprised if WE originally intended it to be used in the front ends of receivers. Before the days of the TR and ATR tubes, the receivers needed a big tube to take the massive slam from the transmitter. The best

example is the 829s (or 832s, I forget which) in the receivers of the very early Signal Corps radars (I doubt RCA saw that coming!).

> PS isn't it interesting that after the VT127, there were three other  
> x27 ring-osc. tube follow-ons? The 227, the 327, the 527 - none  
> of which were "VTs"

Probably because the Signal Corps really had no need to develop them further. The Navy still developed VHF radars well into the 1940s, because of the basic differences in the environment. I am not sure, but I think the only Navy radars with ring oscillators were the SCs and SKs. By the time the 527 came out (probably developed for the SRs), there may have been no need for such a goofy way of making a VHF pulse. The SRs used only two transmitting tubes each, yet still put out a pretty good pulse.

William Donzelli  
william@ans.net

-----  
Date: Mon, 04 Aug 1997 22:09:57 -0400  
From: "Greg Parsons A.K.A. Rat" <gregp@mis.net>  
To: ranickel@mwci.net  
Cc: boatanchors@theporch.com  
Subject: Re: Rust Never Sleeps  
Message-ID: <2.2.32.19970805020957.006b4090@pop.mis.net>

Bob,

Two things to try, both can be found in motorcycle shops <g>.=20  
First look for a tube of Simacrome polish  
, I used it lots on my Triumph. The second one is called Flitz, it is made  
in germany, and also works quite well, you might also find Flitz at a gun=  
shop.

73 and hope this helps,  
Greg  
ke4ooo

At 08:18 PM 8/4/97 +0000, you wrote:

>Hi All,  
>

>I managed to stumble onto one of those "famous chrome chassis audio=20  
>amplifiers" that are in such demand by the Golden Ear crowd. (Of=20  
>course I'd just use it for boosting the audio from my BA radios!)

>  
>Problem is - both steel and chrome-plated areas have lots of RUST. =20  
>I've had some success in polishing out surface rust in the past, but=20  
>this is more widespread and pronounced. I'd sure appreciate any=20

>suggestions about "what works" to remove rust with minimal damage to=20  
>the chrome plating. I have steel wool, Naval Jelly, Brasso, and all=20  
>sorts of crud from the "miracle in a can" section of the auto supply=20  
>store, but I'll wait to hear from the restoration experts on the list=20  
>before I do something make things worse! I suspect that this is a=20  
>common problem but can't recall seeing any previous postings on the=20  
>topic...

>

>Thanks in advance and 73,

>

>Bob W9RAN

>

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| Greg Parsons      KE4000      gregp@mis.net gregp@lfucg.com      |  
| AMI #865      DoD 862      Who has the coffee? Better yet, who has the Ale8one?=  
|  
| NRA Life, SCCA, SCA      http://www.stdio.com/~gregp      =  
| http://www.lfucg.com |  
| "Religiones antiquae et arma ridiculae non comparant cum      =  
|  
| bono telo eruptionis igneae latero te, puer." Hanno Solare      =  
|

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\*\*\*\*\*  
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any and all nonsolicited commercial E-mail sent to this address  
is subject to a download and archival fee in the amount of \$500  
US. E-mailing denotes acceptance of these terms.  
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Date: Mon, 04 Aug 1997 22:18:29 -0400

From: Ben Bradley <bradley@norcross.mcs.slb.com>

To: boatanchors@theporch.com

Subject: Athens Hamfest report

Message-ID: <3.0.32.19970804221828.00b5da40@norcross.mcs.slb.com>

Saturday was a nice day in Georgia, but this hamfest (the Athens Radio Club hamfest, held just south of Athens in Watkinsville) was even smaller than last year, when it was held in November on what turned out to be a very cold day then. I overheard people mentioning the Ellijay (GA) hamfest, happening the same time and perhaps 1 to 2 hours drive away, which must have attracted the other half of the potential North Georgia hamfest attendees.

The BA Buy Of The Day was a Hallicrafters SX42A for \$40. Fortunately I wasn't parked far away, though it's not quite as heavy as I thought. The seller also had an S38A for \$40 that I didn't need, but someone else apparently bought.

The SX42A came with a copy of the Sams Photofact documentation for the SX42 (no A suffix). What are the differences between the non-A and A? Who can offer an original or copy of the original manual for the 'usual and reasonable' charges?

Other BA-type item(s) of note: a Tek 585 with a dual-trace plug-in for "\$25 or make offer", hadn't sold when I left around 10 AM.

There were a couple of boxes of QST magazines that I perhaps ought to have bought - one of recent years, one of '60's. I did get a box of classic sand-state data books. I always look for books, but didn't see and BA-related books.

Someone had a box of one or two hundred tubes at \$2 each. Most were of the common "12AX7" variety I've seen others charge \$0.25 or \$0.50 for, but I bought a couple of large nixies. There was one tube I looked at: it was short and fat, had the cathode and heater pins out the bottom as usual, but the plate pin came out the side, and the grid pin came out the top. The man said it was good to "a thousand Megahertz". It was quite interesting just because you could so clearly see what pin went to what electrode. I didn't have an application in mind, and as a result I had a lapse of reason and didn't buy it.

There were a few other small BA-type things I don't exactly remember, but overall, there was less vendors, attendees, and less of everything - a disappointing hamfest (other than getting the Hallicrafters) compared to last November's. I'm sure next year this hamfest will be rescheduled to be the only one within several hours' driving time.

-----  
Ben Bradley, Design Engineer  
Schlumberger MCS  
snail: 3155-B Northwoods Parkway  
Norcross, GA 30071-1576 USA  
email: bradley@norcross.mcs.slb.com  
voice: 770-368-3444 ext. 3191  
fax: 770-840-8614  
-----

Date: Mon, 04 Aug 1997 19:50:07 -0400  
From: Surplus Al <surplsal@tl.infi.net>  
To: boatanchors@theporch.com  
Subject: Home Page  
Message-ID: <33E66AAF.7C4D@tl.infi.net>

For those BA Members who asked, my new home page is up now. Always nice to talk to the Gang at Hamfests. Boatanchors forever. 73 Al  
<http://www.qsl.net/w3ugd>

-----  
Date: Mon, 4 Aug 1997 22:57:41 -0400 (EDT)  
From: K1HC@aol.com  
To: boatanchors@theporch.com  
Subject: Clegg Zeus Value?  
Message-ID: <970804225629\_604258469@emout08.mail.aol.com>

Anyone have any idea what a Clegg Zeus would be worth? The one I acquire from a SK's estate did not have the connecting cable between the RF deck and the modulator/power supply. I did order a repro manual for it. It is intact, with no apparent mods. Thanks for any and all comments to me at K1HC@AOL.COM or you can call me at home at 617-461-0101 (near Boston, MA).

73,  
Dick, K1HC

-----  
Date: Mon, 04 Aug 1997 20:10:50 -0700  
From: Eugene Rippen <soundval@foothill.net>  
To: boatanchors@theporch.com  
Subject: HP 415B What is it?  
Message-ID: <33E699BA.5B7E@foothill.net>

I have a Hewlett Packard HP 415B "Standing Wave Indicator"

What is it?  
What do it do?

Gene

-----  
Date: Mon, 04 Aug 1997 22:04:22 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: BoatAnchors@SCO.ThePorch.Com  
Subject: Heathkit Pawnee  
Message-ID: <3.0.32.19970804220419.006cb77c@mailman.ghgcorp.com>

Greetings y'all...

Tried to get the Heathkit HW-20 "Pawnee" (2M AM rig) up-n-working this



evening. Being a filament fanatic, I figured I'd better make my first contact on a tube rig or y'all would hunt me down as a heretic! ;)

Fellow esteemed listmember Ray Mack (WD5IFS) was my intended target. After a couple of tries, and Ray hooking up the spectrum analyzer at his end and me hooking up the RME VHF-152 converter onto the Hammarlund HQ-140-XA sans antenna to act as a modulation monitor of sorts (heh heh heh), we were finally able to ascertain that the Pawnee was generating RF, but with very poor modulation. I could hear myself in the headphones of the HQ-140-XA, and Ray could hear the carrier, but couldn't hear the modulation... So, I'm now off to look at the schematic and wait for the rig to cool so I can open it and see what is up. So, before I do:

Anyone out there have experiance with the Pawnee? Hints or kinks anyone?

73 y'all,

Ben

(BA stuff is fun isn't it?)

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Benjamin D. Hall, KD5BYB (yes, the FCC finally issued my call!)

Engine and radio collector / operator extraordinaire.

Located in Houston, Texas, United States of America.

e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

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Date: Mon, 4 Aug 1997 23:54:53 -0400

From: "ROBERT W DOWNS, WA5CAB" <RWDowns\_WA5CAB@compuserve.com>

To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>

Subject: RE: Radioactive 813

Message-ID: <199708042355\_MC2-1C5E-1D1@compuserve.com>

Group,

The reason for the trefoil on some 813 (and other tube) boxes is, as Sandy previously mentioned, the Thorium in the thoriated tungsten cathode. =

Thorium has a half life of about 1.41 times ten to the tenth years, about=

three times the current estimate of the age of the Earth, so we've still got most of it with us. Primary decay process is alpha emission, so inhaling the dust should be avoided. However, if you were to crush a room

full of 813's without a face mask, you would likely be dead of silicosis (from the glass dust) or heavy metal poisoning (from the tungsten) long before you suffered any ill effects from the radiation. Just another example of eco-hysteria, like R-390 meters and freon.

73, Robert W. Downs, WA5CAB  
RWDowns\_WA5CAB@compuserve.com  
Houston, TX

-----  
Date: Tue, 5 Aug 1997 00:30:17 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Subject: F/S Clegg 22er  
Message-ID: <970805003017\_821142412@emout13.mail.aol.com>

Two meter Clegg 22er works TX and RX, looks fine and has all original knobs  
but manual is a copy, \$65

contact microwave DXer and Dayton antenna speaker Kent Britain, WA5VJB:

Kbritain@johnstontech.com

relay via MNHopkins@AOL.com

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Date: Mon, 4 Aug 1997 18:32:58 -1000 (HST)  
From: Dave Creek <dcreek@pixi.com>  
To: Eugene Rippen <soundval@foothill.net>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: HP 415B What is it?  
Message-ID: <Pine.PCW.3.96.970804182926.6919A-1000000@lizard>

On Mon, 4 Aug 1997, Eugene Rippen wrote:

> I have a Hewlett Packard HP 415B "Standing Wave Indicator"  
>  
> What is it?  
> What do it do?  
>  
> Gene

This is an AC tuned voltmeter, tuned to 1000 Hz and calibrated to read  
VSWR from a diode or bolometer operating in the square law region.  
It is used with a slotted line to measure SWR in waveguides.

Dave Creek, NH6BA

Ewa Beach, HI  
dcreek@pixi.com

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End of BOATANCHORS Digest 1602  
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>From ???@??? Tue Aug 05 21:27:48 1997  
Message-Id: <199708051948.0AA22981@sco.theporch.com>  
Date: Tue, 5 Aug 1997 14:48:33 CDT  
Subject: BOATANCHORS digest 1603

BOATANCHORS Digest 1603

Topics covered in this issue include:

- 1) Collins Help Needed  
by George Humphrey <gah@koyote.com>
- 2) AN/ARC-1 Tube Lineup  
by George Humphrey <gah@koyote.com>
- 3) RT-427/ARC-39 --- any information?  
by "Ian Abbott" <ian@gene.COM>
- 4) HELP: Value of Drake C-line?  
by eb5agv@ctv.es
- 5) BC-906  
by philip mccooy <dgnova@erols.com>
- 6) ARRG!!! No more "MAKE OFFER" for ME!  
by arc5@ix.netcom.com
- 7) Re: RT-427/ARC-39 --- any information?  
by "Joseph W. Pinner" <kc5ijd@sprintmail.com>
- 8) Ahhh II: "Mint"  
by MNHopkins@aol.com
- 9) RBC meter  
by laffitte@prtc.net (laffitte)
- 10) Re: BC-906  
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
- 11) HP 415B What is it?  
by Roy Morgan <morgan@speckle.ncsl.nist.gov>
- 12) Hewlett-Packard parts cross reference for BA gear  
by "L. Mark Pilant - MS:ZK03-4/Y02 DTN:381-1529" <pilant@seesaw.ENET.dec.com>
- 13) Knob survey  
by jcreid@CCGATE.HAC.COM
- 14) D-104, is crystal or ceramic better?  
by Roy Morgan <morgan@speckle.ncsl.nist.gov>
- 15) Re: D-104, is crystal or ceramic better?  
by "Grant Youngman" <nq5t@gte.net>

- 16) Re: PE-77 and military TTY  
by bdhall@ghg.net (Benjamin D. Hall)
- 17) Re: Rust Never Sleeps  
by John Shriver <jas@shiva.com>
- 18) Re: ARRG!!! No more "MAKE OFFER" for ME!  
by Dick Flanagan <dick@merlin.libelle.com>
- 19) Re: Knob survey  
by Jake Hellbach <kk5hy@accesscom.net>
- 20) Grounding Grids Directly (long form)  
by "Broline, Nick (Tracor MS Mail)" <ENB@eng1.tracor.com>
- 21) Knob survey  
by "Rhett T. George" <rtg@ee.duke.edu>
- 22) Manuals...  
by Ken Gordon <keng@uidaho.edu>
- 23) Re: Manuals...  
by gc@cen.com (Gary Chatters)
- 24) RCA WA-44C Info  
by AC6GF@aol.com
- 25) RCA AR 8503  
by laffitte@prtc.net (laffitte)
- 26) Heathkit Seneca CW chirp  
by "Thomas A. Adams" <103360.2133@CompuServe.COM>

-----  
Date: Tue, 05 Aug 1997 00:19:28 -0500  
From: George Humphrey <gah@koyote.com>  
To: boatanchors@sco.theporch.com  
Subject: Collins Help Needed  
Message-ID: <1.5.4.32.19970805051928.00d4d8a8@mail.koyote.com>

BAers,

I found a winged Collins Remote Amplifier  
Type 12X. Can anyone tell me what it is, how  
it is used, etc?

73s George KC5WBV

-----  
Date: Tue, 05 Aug 1997 00:58:02 -0500  
From: George Humphrey <gah@koyote.com>  
To: boatanchors@sco.theporch.com  
Subject: AN/ARC-1 Tube Lineup  
Message-ID: <1.5.4.32.19970805055802.00d567a4@mail.koyote.com>

BAers,

Can anyone provide me the tube line up in  
the ARC-1? Especially the large tubes?

Thanks and please respond to gah@koyote.com

73s George KC5WBV

-----  
Date: Tue, 5 Aug 1997 00:50:20 -0700  
From: "Ian Abbott" <ian@gene.COM>  
To: boatanchors@theporch.com  
Subject: RT-427/ARC-39 --- any information?  
Message-ID: <9708050050.ZM13757@emerald.gene.com>

Hi-

I'd appreciate any information anyone can provide about the  
RT-427/ARC-39 transceiver. From its designation it's pretty obvious that it's  
an aircraft transceiver, but I've never heard of an ARC-39. Seems to be HF,  
and it's crystal controlled. The nameplate says it requires 28 VDC, no  
mention of 400 Hz AC, so I'm guessing that it's no newer than the mid-50s.

Nope, it's not an ARC-38. The mystery deepens...

I'd greatly appreciate any information about its frequency range,  
when it was in use, and in what types of aircraft. Heck, wild tales of  
somebody's mis-spent youth would be welcome if they include this radio!

Thanks in advance!

IEA

--  
running with scissors down the hallway of life...

~~~~~%~~~~~  
Ian E. Abbott | abbott.ian@gene.com %  
Genentech, Inc. | Voice: 415.225.1793 %  
Fermentation/Recovery | Pager: 415.655.9160 <"}}}}><  
Information Systems Group | Fax: 415.225.3541 \_| \_|

-----  
Date: Tue, 05 Aug 1997 11:01:31 +0200  
From: eb5agv@ctv.es  
To: boatanchors@sco.theporch.com  
Cc: BASwaplist@foothill.net  
Subject: HELP: Value of Drake C-line?  
Message-ID: <3.0.1.32.19970805110131.006c3b60@192.168.0.1>

Hi gang,

I've the opportunity to get a complete Drake C-line, with the following characteristics:

- Condition (cosmetic): about an 8 in a scale from 1 to 10.
  - Condition (electrical): all works except the T4XC, which has low output.
  - Original boxes from Drake.
  - Some spare tubes.
  - Late serial numbers: T4XC ser. # 28xxx shipped from Drake 10/77, the R4C ser. #27xxx, shipped from Drake 10/77.
  - Some mods:
    - \*Audio - Sherwood audio amp and Sartori SSB audio low-pass filter
    - \*AGC
    - \*3rd mixer injection signal mods
    - \*Power Supply hash reduction
  - Original manuals and the mods have been added to the back of the receiver manual.
- Please, could you enlighten me about a reasonable price to pay for this set?.
- Thanks a lot for your help.
- Best regards.

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
Ausias March 46, 15  
46910 Benetusser - VALENCIA

SPAIN

\*\*\*\*\* PLEASE, VISIT MY HOME PAGE! \*\*\*\*\*

<http://www.geocities.com/SiliconValley/6992/>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

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Date: Tue, 05 Aug 97 08:32:01 -0700  
From: philip mccoys <dgnova@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: BC-906  
Message-ID: <199708051231.IAA02824@smtp3>

Re the BC-906:

The question was asked what is the value of a BC-906.

I did not purchase one, and don't know what was paid for it at the  
berryville hamfest.

I hope the information below will help. It uses a cavity, however the  
cavity's frequency range is fixed.

Information:

Tube 1S5

frequency range: 150 to 225mcs

the diode of the 1S5 acts as the detector, the pentode section  
acting as meter amp.

Philip McCoy dgnova@erols.com

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Date: Tue, 5 Aug 1997 07:41:43 -0500 (CDT)  
From: arc5@ix.netcom.com  
To: military-radio-guy@juno.com  
Subject: ARRG!!! No more "MAKE OFFER" for ME!  
Message-ID: <19978573511329358@ix.netcom.com>

OK...I'm going to rant and rave about something.  
This isn't aimed at any one person. Everyone has done  
this, most innocently, and this is just a "cumulative"  
rant at the practice. I've been wanting to vent about

this one for a long time so here goes....

I will never, never EVER again respond to a "MAKE OFFER" posting! It's just not fair to expect me read what someone else thinks their stuff is worth through telepathy or shaking the bones or voodoo or chicken feathers or whateverthehell else they want. Don't give me the "I don't know what it's worth!" garbage, either. I don't know what ANYTHING is "worth" in that context.

Let me give you a clue:

There is no "heavenly market" in the sky where cute little pixies scribble "Today's KWM-2 value: \$500" on a magical chalkboard, which buyers and sellers can telepathically read if only they are pure of heart.

Here's what your stuff is worth, people: It's worth JUST EXACTLY WHAT YOU DECIDE IT IS, \*IF\* SOMEONE ELSE AGREES WITH YOU! If someone else doesn't agree with you-- guess what?? You're WRONG and you need to rethink it! And that means it's different every single time.

And here's another tip for the pricing-challenged: No matter if you get \$1200 for your beat-up KWM-2 or \$12 for your mint TR-4, some "friend" is going to tell you how you got screwed and could have made 15-cents more. Some friend.

If you agree to a price, then you made a good deal and you'd be wise to ignore all the monday morning quarterbacks and back-shooters.

EVERYONE knows what their stuff is worth to them....EVERYONE. If you can't make a starting point for negotiation from that, then don't expect the buyer to read your blasted mind. I'm tired of making an honest effort to open negotiations and having to "guess" what someone else wants, only to have them act insulted. It stinks and I won't play that game again.

Alright...end of rant!  
(puff! puff!)

73 DE Dave Stinson AB5S  
arc5@ix.netcom.com

-----  
Date: Tue, 5 Aug 97 08:01:15 -0500



From: "Joseph W. Pinner" <kc5ijd@sprintmail.com>  
To: <ian@gene.COM>, "Boatanchor 1" <boatanchors@theporch.com>  
Subject: Re: RT-427/ARC-39 --- any information?  
Message-ID: <199708051303.GAA26132@mailgate32>

> I'd appreciate any information anyone can provide about the  
>RT-427/ARC-39 transceiver. From its designation it's pretty obvious that it's  
>an aircraft transceiver, but I've never heard of an ARC-39. Seems to be HF,  
>and it's crystal controlled. The nameplate says it requires 28 VDC, no  
>mention of 400 Hz AC, so I'm guessing that it's no newer than the mid-50s.

It is a HF set of Aircraft Radio Corp (Command set folks) design of the late 40s / early 50s. It was used as a liason set in smaller aircraft. Probably fewer than 1000 were made. It uses 28 VDC for the dynamotor. If you notice inside you will see many parts that are identical to those used in the ARC-5 stuff.

I have one too.

73

Joseph W Pinner  
Lafayette, LA  
KC5IJD  
EMail: kc5ijd@net-connect.net

-----  
Date: Tue, 5 Aug 1997 09:20:07 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Subject: Ahhh II: "Mint"  
Message-ID: <970805092006\_952118269@emout10.mail.aol.com>

When we decide to avoid "make offer" ads, we simplify our lives, but when we decide to avoid anyone who even uses the term "Mint," we are on the road to Nirvana.

For some people the whisky can never be old enough or the women young enough. If I sell the last KW-whatever, in a sealed container from the factory, these guys will want a \$50 adjustment in a week because the clerk who carried it to the dock was not a virgin.

Physical things have conditions that can be put into words. Concepts like "Mint" are shorthand where an essay is called for. The camera folks are better than we because they adopt phrases

like "95% of original finish intact," but each item still should still be described in enough detail to convey a picture on which one can rely and on which, listen up lawyers, one can base a later claim. And while I got out of the "Mint" business pretty quick, I hear stories that suggest to me Mint-speak is often used as a post sale negotiating tactic.

So, as we say down here in Texas, I want to witness with Brother AB5S about "Make Offer," and also recommit myself to avoiding virgin hunting old fogey hams who say "Mint."

Say Amen with ab5l, michael in dallas, MNHopkins@AOL.com

-----  
Date: Tue, 05 Aug 1997 09:21:41 -0300  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: RBC meter  
Message-ID: <33E71AD5.4D61@prtc.net>

Hello to all in the BA gang. I hope that you are enjoying the summer. I am looking for the signal strenght meter of the RCA RBC6 unit. The one I have is not original. Does anyone have a junker set with this meter? One note about the RBC unit. These massive sets are really sensitive and extremely sturdy. They seem difficult to work on but they are not. I wonder how many are in the hands of BAers.

If anyone has worked with the SX23 (Hallicrafters), I would appreciate recommendations on fine tuning this nice BA. The manual mentions the use of a wand to test alingment.

I have a plug in coil tha's seven inches long at the base. It looks like a BC610 plug in but I am not sure. I will gladly give it away to any 610 owner. There is nothing to loose and it may be one of them.

TNX and 73s Guido E. Santacana KP4FAR  
BA collector in the tropics

-----  
Date: Tue, 5 Aug 1997 09:35:40 -0400 (EDT)  
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>  
To: philip mccooy <dgnova@erols.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BC-906  
Message-ID: <Pine.A32.3.91.970805093145.35368A-100000@ppdu.nrl.navy.mil>

Phil,

Since I picked up two BC-906's from the Berryville Hamfest I can tell

you that I paid \$10 for one and \$15 for the other. One had an internal antenna and latch, the other had no antenna or latch but was in better condition overall.

Bye the way, we had a good meeting of the BA gang at Berryville. I hope to see everyone in two weeks at the York, PA Hamfest.

Sincerely, Paul Bernhardt

|                           |                              |
|---------------------------|------------------------------|
| Work:P.A. Bernhardt       | Home: Paul Bernhardt, KF4FOR |
| Code 6794                 | 5704 Ridge View Dr.          |
| Naval Research Laboratory | Alexandria, VA 22310         |
| Washington, DC 20375      |                              |
| Tel: 202-767-1096         | 703-960-9656                 |
| FAX: 202-767-0631         |                              |

On Tue, 5 Aug 1997, philip mccoys wrote:

> Re the BC-906:  
> The question was asked what is the value of a BC-906.  
>  
> I did not purchase one, and don't know what was paid for it at the  
> berryville hamfest.  
>  
> I hope the information below will help. It uses a cavity, however the  
> cavity's frequency range is fixed.  
>  
> Information:  
> Tube 1S5  
> frequency range: 150 to 225mcs  
> the diode of the 1S5 acts as the detector, the pentode section  
> acting as meter amp.  
>  
> Philip McCoy dgnova@erols.com  
>  
>  
>

-----

Date: Tue, 05 Aug 1997 09:52:44 -0400  
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>  
To: boatanchors@theporch.com  
Subject: HP 415B What is it?  
Message-ID: <3.0.32.19970805095243.006dc0fc@speckle.ncsl.nist.gov>

>From: Eugene Rippen <soundval@foothill.net>  
>To: boatanchors@theporch.com  
>Subject: HP 415B What is it?

...>

>I have a Hewlett Packard HP 415B "Standing Wave Indicator"

>

>What is it?

>What do it do?

It's an indicator used with slotted lines to determine SWR and related variables like load impedances, matching network values ....

It has the following major parts:

- an audio amplifier tuned to 1000 cps
- an audio voltmeter calibrated in useful scales (SWR, dB.)
- attenuator calibrated in useful ways
- a source for the current needed by "bolometers" and diode detectors (like the 1N21)

If you don't have a slotted line, or other rf measurement device, it may not be too useful. I have a manual if you need a copy.

Keep em Glowing!

Roy, K1LKY since 1959

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

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Date: Tue, 5 Aug 97 09:51:49 EDT

From: "L. Mark Pilant - MS:ZK03-4/Y02 DTN:381-1529" <pilant@seesaw.ENABLE.dec.com>

To: boatanchors@theporch.com

Cc: pilant@seesaw.ENABLE.dec.com

Subject: Hewlett-Packard parts cross reference for BA gear

Message-ID: <9708051351.AA17629@us2rmc.zko.dec.com>

For all those folks trying to keep their HP BA gear working...

I just received copies of some cross reference tables published by HP as part of their Bench Brief series. They contain cross references from (and to) HP part numbers to (and from) JEDEC part numbers. It contains diodes (and I certainly wouldn't mention the other sand-state devices: transistors, IC's, etc. :- ) for the BA aficionado.

I'm trying to gauge the interest to determine whether I should copy it myself

or go to a copy center. It is about 25 pages (double sided), so I expect it would run about \$5.00 to copy and mail.

Send e-mail to pilant@seesaw.enet.dec.com if interested.

73

- Mark N1VQW

-----  
Date: Tue, 05 Aug 97 06:58:30 PST8  
From: jcreid@CCGATE.HAC.COM  
To: boatanchors@sco.theporch.com  
Subject: Knob survey  
Message-ID: <9707058707.AA870789648@CCGATE.HAC.COM>

Hi Gang,

I just purchased a nice SX-28 from list member Gary Harmon. The radio is mostly complete except for a few minor pieces and of course, one of the spoked knobs (steering wheel type) is missing. I did some research and chatted a bit with Barry Ornitz about the possibility of trying to duplicate the knobs. It looks like working with the original Bakelite is pretty much out of the question for the home workshop types. Nasty chemicals, special molds with heaters and 10 ton presses, not to mention the smell of phenolformaldehyde.

So on the way home last week, I stopped by the local plastic supply house. They have all kinds of plastic stock including molding and casting resins. A short talk with the expert said it would be possible to duplicate the knobs with one of the types of polyurethane he carries. He also said, however, that this was not something for the weekend experimenter. The resins are expensive and if you're not experienced with them, the whole thing could be a miserable experience.

He did put me on to a local gentleman that does mold making and casting as a sideline. He was close to home so I stopped in to chat. He looked at the knobs I brought with me and said it looked very do-able. The polyurethane he had in mind would have the same look and feel as the original Bakelite. So the good news is I can get duplicate knobs made. The bad news is it's \$100 to have the mold made and a test knob generated. That's a little steep for me for one knob. I'm curious if there's anyone else out there who would be interested in this particular knob. The mold is good for about 30 duplicates before it's useful life is reached. I have no idea as to price. I'm not here to make money on this process. I'd just like to be able to help some people out with missing knobs.

Caveat #1: There may be a very slight difference in color and texture between the new knob and the old. If you're only missing one knob, it might be wise to replace both.

Caveat #2: The first knob I will have him try to mold is the spoked type knob, but this particular knob has the area in between the spokes filled with

Bakelite. You cannot see through this knob. The second type(based on the response from BA list) will be the open type spoked knob.

I would guess if this small venture is sucessful, it would be very possible to duplicate other types of knobs that are similar in construction. The later type knobs with metal skirts and chrome inserts are probably a little too advanced for this operation right now.

Sorry for the lengthy discourse, but there you have it. If there's any interest, drop me a note and if the numbers are encouraging enough, we'll crank out some parts. Thanks for your time.

-Jim N6SVS  
jcreid@ccgate.hac.com

-----  
Date: Tue, 05 Aug 1997 10:11:12 -0400  
From: Roy Morgan <morgan@speckle.ncsl.nist.gov>  
To: glowbugs@www.atl.org, boatanchors@theporch.com  
Subject: D-104, is crystal or ceramic better?  
Message-ID: <3.0.32.19970805101110.0075268c@speckle.ncsl.nist.gov>

Globuggers and Anchorites,

My D-104 seems to be dead, and I plan to order a new element for it.

Any preferences between the crystal and ceremic elements?

For Astatic information (the distributor):

<http://www.ctiaudio.com/>

To order products (one dealer, CB stuff mostly):

<http://www.tigerpaw.com/thomasdt/index.html-ssi>

Keep em Glowing!  
Roy, K1LKY since 1959

-- Roy Morgan/Building 820, Room 562/Gaithersburg MD 20899  
(National Institute of Standards and Technology, formerly NBS)  
301-975-3254 Fax: 301-948-6213 morgan@speckle.ncsl.nist.gov --

-----  
Date: Tue, 5 Aug 1997 09:31:01 -0600

From: "Grant Youngman" <nq5t@gte.net>  
To: Roy Morgan <morgan@speckle.ncsl.nist.gov>, boatanchors@theporch.com  
Subject: Re: D-104, is crystal or ceramic better?  
Message-ID: <199708051428.JAA17821@smtp.gte.net>

> My D-104 seems to be dead, and I plan to order a new element for it.  
>  
> Any preferences between the crystal and ceramic elements?

Unless you are going to be using your D-104 in an environment of extreme humidity or temperature, use the crystal element. The crystal element sounds quite a bit better. The ceramic has a restricted frequency response which is not particularly pleasant. It is specific to rough environmentals, and not recommended for general use.

Grant/NQ5T

Grant Youngman -- NQ5T  
nq5t@gte.net  
[HTTP://home1.gte.net/nq5t/index.htm](http://home1.gte.net/nq5t/index.htm)  
Double Oak, TX (near Dallas)

-----  
Date: Tue, 05 Aug 1997 09:32:15 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: "Eric A. Jones" <eaj@hiwaay.net>  
Cc: boatanchors@theporch.com  
Subject: Re: PE-77 and military TTY  
Message-ID: <3.0.32.19970805093135.00699a14@mailman.ghgcorp.com>

>It was used with the EE-97  
>Teletypewriter equipment (quote): "portable, stnd communication  
>keyboard, 110vac, 50/60cps governed motor; 368 opm, used as a  
>terminal on land lines or radio crkts to send and receive page-printed  
>teletypewriter messages."  
> Are you sure it puts out DC? Could it put out both AC and  
>DC? Or is the Sig-3 wrong about the "governed 50/60cps motor" bit?

Hhmmnn... Very interesting. The unit I have is most definately DC. It is marked as such in two places, and the voltmeter shows it producing DC when running... I see no way of changing it over to AC operation without massive rewinding/rewiring.

Now, the thing that I don't understand (which is why I'm cc:ing this to BA,

hoping that the teletype gurus will know the answer) is why use 110 VDC? Fractional HP AC motors (shaded pole, etc) are easy to make and cheap. So, were teletypes like the EE-97 AC or DC equipment? I can see problems with regulating the AC frequency causing the motors to change speeds, but then again, you have the same problem with DC motors, as the volts increase or decrease, so does the speed.

Anyways, I'm thinking about making the unit into an emergency BA shack lighting generator, using the throttle governor as a low tech dimmer, heh heh heh...

73 y'all,  
Ben

-----  
Date: Tue, 5 Aug 1997 10:47:24 -0400  
From: John Shriver <jas@shiva.com>  
To: ranickel@mwci.net  
Cc: boatanchors@theporch.com  
Subject: Re: Rust Never Sleeps  
Message-ID: <199708051447.KAA01429@brill.shiva.com>

Ah, a Mac or Dynaco...

Either way, once the rust is going under the chrome, no simple surface treatment can cure it. The only cure is to strip all components off the chassis, and send it out for replating. Have the put copper down first, then chrome (Mac) or nickel (Dynaco) as appropriate. The absence of copper is the fundamental cause of the failure, it's job is to seal the steel from exposure to oxygen, chrome or nickel can't do that.

Same problem afflicts E. H. Scott radios. (They are possibly more valuable than this audio gear!) At least they don't have silkscreening that you have to put back.

(This is discussed from the E. H. Scott point of view in Romney's "Fixing Up Nice Old Radios" book.)

Oh, if anything's not original on the Mac amp, including the plating, the "Collectors" aren't interested...

-----  
Date: Tue, 5 Aug 1997 08:17:48 -0700  
From: Dick Flanagan <dick@merlin.libelle.com>  
To: arc5@ix.netcom.com



Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: ARRG!!! No more "MAKE OFFER" for ME!  
Message-ID: <v03110718b00cf36abff2@[207.33.105.223]>

At 5:41 AM -0700 8/5/97, arc5@ix.netcom.com wrote:  
>I'm tired of making an honest effort to open negotiations  
>and having to "guess" what someone else wants, only to have  
>them act insulted. It stinks and I won't play that game again.

My solution is the same. I simply refuse to play the game and never  
respond to "Make Offer" posts.

73, Dick

--

Dick Flanagan W6OLD CFII Minden, Nevada  
Visit <http://www.delphi.com/electronic/>

-----  
Date: Tue, 5 Aug 97 10:43 CDT  
From: Jake Hellbach <kk5hy@accesscom.net>  
To: jcreid@CCGATE.HAC.COM, Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Knob survey  
Message-ID: <2.2.16.19970805104244.10bf9070@accesscom.net>

Hello All,  
Years ago I wanted to make a duplicate of a pistol grip I had.  
I went to a hobby shop and bought some liquid rubber molding compound and a  
liquid plastic (Epoxy). Also some coloring agent to make the replacement  
stock the same as original. A total cost of about \$15.00.

All I did was paint a few coats of the liquid rubber over the original stock  
and when it dried I peeled the rubber mold from the stock. Then I poured the  
plastic in the mold and when that hardened I had a replacement of the  
original grip.

I don't know why this process wouldn't work for knobs also or any part that  
you need a duplicate of.

73' Jake KK5HY

-----Dedicated to the care and feeding of Vintage Radio-----  
Email via: [kk5hy@accesscom.net](mailto:kk5hy@accesscom.net)  
-----A.M.I. #832-----

<http://www.accesscom.net/~kk5hy>  
Updated with Boatanchor links!!!!

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Date: Tue, 5 Aug 1997 11:34:00 -0500  
From: "Broline, Nick (Tracor MS Mail)" <ENB@eng1.tracor.com>  
To: "'Boatanchors'" <boatanchors@sco.theporch.com>  
Subject: Grounding Grids Directly (long form)  
Message-ID: <c=US%a=\_%p=Tracor%l=TRACOR/AUSTIN/00076425@ems1.tracor.com>

"Does any one know the reason why Heath would chose to float the grids above ground on the 500z tubes. they are bypassed for RF thru a couple of chokes and capacitors, it seems to me it would make more sense to ground them directly to the chassis, for better isolation and stability. all bias and metering is supplied thru the center tap of the fil xformer. Thanks Dick K6KWQ

Dick,  
There are a couple reasons why the grids are not grounded directly.

This discussion addresses a number of amplifiers, including the Collins 30L1, the Heath 220 series, and others. Some do it correctly, others "get by".

First, a little sacrificial impedance in the grids, like resistors and caps and chokes, make up a pretty good fuse when the tubes arc over. It is a (moderately obscure) fact that power tubes will spontaneously arc over internally once in a blue moon, yielding instantaneous catastrophic currents if the external circuit elements do not limit the current. I have had my '220 arc as such, and the external grid circuit was evaporated, but the tubes still live. Commercial transmitters also have circuits which limit the fault currents in the tube elements to prevent internal vaporization of delicate tube elements (like grids) during these episodes. Bottom line is that it is less cost to replace an evaporated choke than a 3-500Z tube. Fuses are not too good because they don't perform the function in the next paragraph, and they have too much inductance.

Second, is the desire of making the series combination of a capacitor and the tube and socket inductance series resonant at a particular frequency. This can extend the self neutralized cut-off frequency, and makes the isolation between the cathode and plate even greater than were the tube grids grounded directly. This is most likely what Heath was

thinking with the parallel L-C combination....the L is only for d.c. return. The same technique is used in many tetrode amps to bring the impedance of the screens (inside the tube envelope) down to zip ohms rather than have them float at some inductive value above ground were the socket pins bypassed (only) as good as possible..

Third, and it appears that this "fix" has not been done on your amp, is the control of the grid circuit Q at VHF. The '500Z is a great tube for VHF ( incl. the FM broadcast band), and for HF amps it takes special care to eliminate the VHF parasitic oscillations that can occur. The extra suppression elements in the plate leads serve to increase the inductance in the plate circuit, and lower the plate tank VHF resonance frequency into the self-neutralized range of the tubes. However, insertion of a series C and R (and other configurations) in the grid circuit serves to further lower the "Q" of all the VHF oscillation paths. The Collins 30L1 was one of the first to use the grid "de Q-ing" circuit so as to achieve an unconditionally stable amplifier. There have been several after-market mods to the Heath to bring the same protection to their series. A traditional symptom of the VHF parasitic oscillation is plate tank arcing during the tuning operation, with disastrous (meltdown) results.

There may be others, but they escape me at the time.

73

Nick Broline W5FUA

-----  
Date: Tue, 5 Aug 1997 12:35:34 -0400  
From: "Rhett T. George" <rtg@ee.duke.edu>  
To: boatanchors@theporch.com  
Subject: Knob survey  
Message-ID: <199708051635.MAA26773@washington.ee.duke.edu>

- Greetings -

Jake has a great idea for replacement parts when the needed quantity does not justify a small production run. I used liquid rubber to make a mold (of a model loco boiler front) and then cast a new piece from plastic. After a few weeks, the mold changed dimensions, but the cast piece came out fine. I have to look carefully to tell which is the replica.

You may want to prepare a slug of brass or aluminum to be cast into the center of your replica knob. Then the metal can be drilled from the back for a 1/4" shaft and from the side for a 6/32 set screw (really,

your choice of screw size). If the knob is circular, not a pointer knob, you may get someone to make a soft collet for it which is held in a lathe chuck. Rather good concentricity can be gotten this way. I was pleased to straighten up two knobs for one of the list members a while back. I volunteer again to do this for circular knobs. If anyone faxes me a Leinenkugels brew, he/she can talk me into drilling and tapping the brass or aluminum slug in addition to drilling the 1/4" shaft hole.

Second item: I have just received a power transformer marked in someone's hand - "For 304 H." Don't know if it fits all 304 H's from the world's manufacturers. I suspect that it is for a Dumont 304 H oscillograph. It appears to have a pair of 120 V windings for 120/240 service. The leads seem to never have been soldered to anything (and there are lots of leads). Folks on this list do not brag about the Dumonts they use. If someone out there needs/wants this 12 pounder (bare weight) for \$5 plus shipping, send me an e-mail.

73 Rhett - KE4HIH  
rtg@ee.duke.edu

-----  
Date: Tue, 5 Aug 1997 10:24:59 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: boatanchors@sco.theporch.com  
Subject: Manuals...  
Message-ID: <Pine.BSF.3.95.970805101930.12825A-100000@piobaire.mines.uidaho.edu>

In case this has not been mentioned here before:

I just talked with a person at a company called, Manuals Plus, in Tooele, Utah. It appears that they have a LARGE number of original manuals for BA. Their price for an ORIGINAL manual for the Harvey-Wells TBS-50B/C/D was \$10.00.

I also asked about Hammerlund and Hallicrafters manuals, which they have quite a number of.

They do NOT have either an e-mail address, a web page, or a 1-800 telephone number.

Regular telephone number is:

801-882-7188

FAX # is:

801-882-7195

Address is:

P.O. Box 549  
Tooele, Utah 84074-0549

We just recently bought a number of older Tektronix and H-P manuals from them. Prices were very reasonable and the manuals were originals.

Check them out. You may find them of interest.

Ken W7EKB

-----  
Date: Tue, 5 Aug 97 14:18:11 EDT  
From: gc@cen.com (Gary Chatters)  
To: keng@uidaho.edu  
Cc: boatanchors@theporch.com  
Subject: Re: Manuals...  
Message-ID: <9708051818.AA08392@cen.com>

>  
>I just talked with a person at a company called, Manuals Plus, in Tooele,  
>Utah. It appears that they have a LARGE number of original manuals for  
>BA. Their price for an ORIGINAL manual for the Harvey-Wells TBS-50B/C/D  
>was \$10.00.  
>  
>I also asked about Hammerlund and Hallicrafters manuals, which they have  
>quite a number of.  
>  
>They do NOT have either an e-mail address, a web page, or a 1-800  
>telephone number.

I have ordered one set of manuals from ManualsPlus, so let me add  
a couple of corrections and addition bits of data.

Their web page URL is: [www.manualsplus.com](http://www.manualsplus.com).

Their e-mail address is: [jackh@manualsplus.com](mailto:jackh@manualsplus.com)  
This is on the web page.

Their web pages emphasize that they sell original manuals and do not  
copy manuals. This is misleading. They won't make a copy of an original  
manual that they have. If they bought a collection of manuals that included

copied manuals, they will sell copies. Be sure to ask. They'll tell you.

Of the four manuals of HP test gear that I ordered from them one was a not very good, but quite usable copy. The schematics were copied using a process superior to that used for the text, so they look quite nice. But they didn't do it themselves, so it was just a matter of what they bought. The others were used but quite usable originals.

In any case, a copy is better than no manual at all.

Overall I was pleased with the service I got from them. They did respond to e-mail questions, were responsive to phone calls and shipped my order promptly. (Priority mail if I remember correctly).

73,  
Gary

-----  
Date: Tue, 5 Aug 1997 14:21:33 -0400 (EDT)  
From: AC6GF@aol.com  
To: boatanchors@theporch.com  
Subject: RCA WA-44C Info  
Message-ID: <970805142013\_528843080@emout17.mail.aol.com>

I am in need of info, schematic and manual, for an RCA WA-44C Audio Generator.

Thanks and 73            Gerald   K6QY

-----  
Date: Tue, 05 Aug 1997 15:05:00 -0300  
From: laffitte@prtc.net (laffitte)  
To: boatanchors@theporch.com  
Subject: RCA AR 8503  
Message-ID: <33E76ABC.1251@prtc.net>

I will like to have some information on the RCA AR8503 VLF regenerative 4 tube set if any of you is familiar with it. This is the older almost twin brother of the 8510. It uses a velvet vernier tuning dial and external ABC supply. The set has been in my possession for almost 20 years and it works with the appropriate power source. I have two 4B32 rectifiers (new) and will like to trade for their equivalent value some miniature and subminis. I need 6AJ5s and 6BJ6s and 6X4s plus several subminis.

TNX and 73s Guido E. Santacana KP4FAR

BA collector in the tropics

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Date: 05 Aug 97 15:43:34 EDT  
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>  
To: BOATANCHORS <BOATANCHORS@theporch.com>  
Subject: Heathkit Seneca CW chirp  
Message-ID: <970805194334\_103360.2133\_JHL86-1@CompuServe.COM>

Greetings, Troops.

As I posted here a couple of weeks ago, a Heathkit Seneca VHF transmitter followed me home from the South Milwaukee hamfest. It has been riding around in the back of my truck all this time (the dogs have gotten used to snuggling up next to that big green box in "their" part of the vehicle), but at 2 AM a couple of nights ago I got the sudden urge to try it out. An hour or two of playing with it got the beast running pretty well.

After a bit of troubleshooting to figure out the previous owner's modifications (he had the same idea I did, adding an external plate modulator), and replacing the final amplifier tubes (I managed to cook the screens in both of the weak 6146's thru my own stupidity) and a weak clamp tube, the rig took off after a fashion. A final finishing touch eliminated a B+ arc between the variable output link and the 2 metre plate lines (600 VDC across my beautiful Bird dummy load! OUCH!) and the transmitter is running quite well. With a brand new pair of RCA 6146B's that I've been hoarding, it's producing 125 watts CW output on 6 metres (overloaded beyond normal 6146 tuneup figures, to use the extra plate current capability of the 6146B; 320 MADC @ 525 VDC for input numbers, for about 74% PA efficiency!), and better than 90 watts output in 2 metres! Nothing seems to be stressed out or burning up at that power level.

I think I can live with that. It should make a decent exciter... <g>

Now, the final problem to clean up.

Just like my DX-100, this rig has a pretty hairy CW chirp. Did Heathkit engineer a chirp into ALL of their rigs?

The VFO seems to be frequency sensitive to some VERY wierd things; it shifts slightly when the METER switch is changed, moving the output carrier frequency up to 5 KHz as you check stage tuning!

Even with the load isolation of all of the multiplier stages, it seems as if the chirp is caused by loading changes caused by keying the PA.

Has anyone here successfully cleaned up the keying in one of these beasts? If so, how about a few hints as to how to go about it?

73's,

Tom, K9TA

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End of BOATANCHORS Digest 1603  
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